JUN 2 5 2001

Page 1 of 7

1651

TECH CENTER 1600/2900

DATE: 05/31/2001



RAW SEQUENCE LISTING

TIME: 10:33:36 PATENT APPLICATION: US/09/734,613

Input Set : A:\BRUGGEMANN.ST25.txt Gutput Set: C:\CRF3\05312001\I734613.raw

3 *110 * AFFLICANT: BPUGGEMANN, Marianne 5 *120 * TITLE OF INVENTION: MURINE EXPRESSION OF A HUMAN IGA LAMBD 7 *130 * FILE REFERENCE: 37945-0009 9 *140 * CUPPENT APPLICATION NUMBER: US 09/734,613 10 *141 * CUBRENT FILING DATE: 2000-12-13 11 *150 * PRIOR AFFLICATION NUMBER: PCT/GB99/03632 13 *151 * PRIOR FILING DATE: 1999-11-03 15 *150 * PRIOR AFFLICATION NUMBER: GB 9823930.4 16 *151 * PRIOR FILING DATE: 1998-11-03 16 *160 * NUMBER OF SEQ ID NOS: 27 20 *170 * SOFTWAFE: PatientIn version 3.0	NTERED
20 - 170 SOFTWARE: Patientin version 5.0 20 - 210 - SEQ ID NO: 1	
23 + 311 + LENGTH: 23	
24 × 212: TYFE: DWA	
25 <213 OFGANISM: Homo sapiens	
27 <400% SEQUENCE: 1	5.0
28 aattetaaaa etacaaactg doccoocca	29
31 - 210: SEQ ID MO: 2	
32 - 311 · LENGTH: 21	
33 - 012 - TYPE: DW	
34 - 113 - OFGANICM: Homo sapiens	
36 - 400 - SEQUENCE: 2 37 hattictaqua ictacaqactg c	21
40 - 110 - SEQ ID 80: 3	
41 - 011 - LENGTH: 13	
42 KU12 - TYPE: CNA	
43 ×213 · ORGANISM: Homo sapiens	
45 × 400 · SEQUENCE: 3	18
46 oboongggta qaaqtoad	10
49 - 010 - SEQ ID DO: 4	
50 A211 - LENGTH: 22	
51 - 212 · TYPE: ENA	
50 ×013× ORCANIOM: Homo sapiens 54 ×400× SEQUENCE: 4	
55 Wattegtgug Geettgttgg et	22
58 - 110 - SED ID No: 5	
59 - 211 - LEUGTH: 234	
60 - 212 - TYPE: EUA	
61 + 313 + OPGANISM: Homo sapiens	
63 -400 - SEQUENCE: 1	aα 50
. Al propagatia initiativity agataaatty ggggataaat algoligoly yeallage	9
66 Sugmeaggee authorotigt getiggteate tateaagata geaageggee eteaggga	
63 obtgagegat tetitgjete caastetggg aasacagbsa etetgassat sagbggga 70 oagjotatgg atgaggstga stattastgt saggsgtggg asagbagbab tgba	234
7) Hagantatig atgaggorga ocaccaccyc caggogogog dougous-in 5 73 - 117 - SEO ID No: 6	
73 - 217 - SEG 1D 47. 0 74 - 211 - LEMGTH: 231	
74 Carlotte Barotte Cont	

75 -211 - TYPE: DNA

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Output Set: C:\CRF3\05312001\I734613.raw

76 <013> ORGANISM: Homo sapiens 78 <4400> SEQUENCE: 6	
79 godancaton cotgetotgg agatamattg ggggatamat atgottgotg gtatomgcag	6C
81 aagusaggss agtoopstat totgatoato tatoaagata acaggoggoo stoagggato	120
83 detyagegat teterggete daaetetggg aacadageda etetgadeat bagegggade	180
85 caygotatgg atgaggotga ctattattgt caggogtggg accgcagcac t	231
88 +:210 - SEQ ID NO: 7	
89 (211 - LENGTE: 37	
90 KO12 TYPE: DNA	
91 (113) ORGANISM: Homo sapiens 93 <400 SeQUENCE: 7	
93 *400 * Segunder: 7 94 ttqqqtqttc qqoqqaqgga ccaagotgac ogtocta	37
97 ×210× SEQ ID NO: 8	ζ,, ,
98 - 211 - DEUGTH: 36	
99 ::212 - TYPE: DNA	
100 K2132 OFGANISM: Homo sapiens	
102 <4000 SEQUENCE: 8	
103 tgggtattey geggagggae etacetgace gteetg	36
106 <210> SEQ ID NO: 9	
107 <211> LENGTH: 232	
108 K2120 TYPE: DNA	
109 < 213 / ORGANISM: Homo sapiens	
111 <400 · SEQUENCE: 9	60
112 geoagcatea estgetegag agataaattg ggggaaacat atgitteetg giateggeag 114 aagseaggee agiteseetgi geigeteate taleaagata eeaagegace eicagggate	120
114 aagddaggdd agtodddigi gdigdioaito tarcaagala ccaagegace cicagggace 116 ootgagegat teioiggoic caaciciggg aacacageeg cicigaecai cacegggace	180
118 caggetting atgaggetga ctattactgt caggegtggg acagegecae tg	232
121 - 210 - SEQ ID NO: 10	
122 × 211 × LENGTH: 37	
123 - 212 * TYPE: DNA	
124 <213 > ORGANISM: Homo sapiens	
126 <400 · SEQUENCE: 10	
127 tgtggtatte ggeggaggga ceaagetgae egteeta	37
130 <210 > SEQ ID NO: 11	
131 <211 · LENGTH: 35	
132 KZ12 TYPE: DNA	
133 <213 · ORGANISM: Homo sapiens	
135 (400 - SEQUENCE: 11 136 tgqttttoqq oqqaggaco aaactgacca toota	35
136 tggCtttogg Oggagggace aaactgacea teeta 139 +210+ SEQ ID NO: 12	
140 K211 · LENGTH: 239	
141 - CA12> TYPE: CNA	
142 <213 · ORGANISM: Homo sapiens	
144 <400 > SEQUENCE: 12	
145 goodgates congenergy agangeating ocaaaaaaat angentating ghaceageag	60
147 aagteagged aggeeestqt getagteate tatgaggaca geaaacgace etceaggate	120
149 cetgagagat tetetggete cageteaggg acaatggeea cettgaetat cagtggggee	130
151 daygtggagg atgaagetga etactactgt tactcaacag acagcagtgg taatcatag	239
154 <210 > SEQ ID NO: 13	

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:=atput Set: C:\CRF3\05312001\I734613.raw

155 + 211 > LENGTH: 139	
156 + L1L + TYFE: 13W	
157 - 213 - OFGANISM: Homo sapiens	
159 (400) SEQUENCE: 13 160 godaygatba octyctotyg agatgdattg ocaaaaaaat atgottattg gtabbaydag	€.0
162 magicaggos approperty gotggteate totgaggada goamacgade etosgggate	120
164 octuagagas teretygoto cagoroaggg acaatggoos cottgactat cagtggggoo	180
166 caggtggaag atgaagetga ctactactgt tactcaacag acagcagtag tactcatag	239
169 - 210 - SEQ IL NO: 14	
170 + 211 × LENGTH: 34	
171 <210 < TYPE: DNA	
172 <213 - ORGANISM: Homo sapiens	
174 + 400 × SEQUENCE: 14	34
175 ggtyttegge ggugygaeta agetgaeegt eeta	1
178 - 216 - SEQ ID DO: 15 179 - 211 - BENGTH: 246	
180 - 212 - TYPE: DDA	
181 x 213 x OFGANISM: Homo sapiens	
183 4400 SEOUENCE: 15	
184 atcascatct cotquactqq aaccaqcaqt gacqttggtg gttataacta tgtctcctgg	60
186 tacchadago acceaggoaa agobeccaaa otcatgattt atgaggteag taateggees	120
186 traggggttt ctaategett etetggetee aagtetggea acaeggeete eetgaceate	180 240
190 totgrgotoc aggotgagga ogaggotgat tattactgca gotcatatac aagcagcagc	246
190 actoto	240
195 k210 k SEQ ID NO: 16 196 k211 k LENGTH: 243	
196 × 117 · ERRSTN . 143	
198 + 213 + OFGANISM: Homo sapiens	
000 - 400 - SEOUENCE: 16	
- 161 arcandatet estadaetag aaccageagt gaegtiggig gitetaaett igteteetigg	60
203 taccaacaac acchaggeaa agecoccaaa etcatgattt atgatgteag ttateggeee	100 180
205 toaggggttt ctaatogott ototggotoc aagtotggoa acacggooto octgaccato	
207 tetaggetee aggetgagga egaggetgat tattactgeg geteatatae aageageage	243
209 act	
213 ×210 SEQ 10 00. 17 213 ×211 LENGTH: 36	
314 K213 - TYPE: DDA	
215 < 213 < OFGANISM: Homo sapiens	
217 - 400 - SEQUENCE: 17	•
218 tygytytteg geggagygae caagetgaee gteeta	36
/21 /210 / SEQ ID NO: 18	
222 + 211 + LENGTH: 239	
223 - 213 - TYFE: DNA	
024 + 213 + OFGANISM: Homo sapiens 026 + 4400 + SEQUENCE: 18	
217 gtoligatea datgecaagg agadageete agaagetatt atgeaagetg gtaccagdag	g 60
- 199 gammaggad abgroedtyt acttyteate tatyytaaaa acaaccyydd dicagygauc	1.20
- 1911 coagagogat tetotogoto cagotoagga aacacagott oottgaccat dadigggger	109
233 paygoggaag atgaggotga ctattactgt aactoooggg acagcagtgg taaccatot	239

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1.60 - 1108 SEQ ID 10: 10	
937 + 911 + LENGTH: 2:7	
038 - 012 - TYPE: DNA	
139 - 217 - ORGANISM: Homo sapiens	
	60
	120
242 greaggatea catgreaagg agacageete agaageadee ing 244 aagebaggas aggeeestgt acttgtbate tatgetaaaa acaageggee eteagggate 244 aagebaggas aggeeestgt acttgtbate tatgetaaaa acaageggee eteagggact	130
	237
246 ocaqueogat tototgoto dagetcayya adousuyoo asagoagtgg tgaacat 248 caggogjaag atqaggotga otattactgt aactoooggg acagoagtgg tgaacat	
251 k210 √ SEQ ID NO: 20	
252 - 211 / LENGTH: 36	
osa kolov Type: DNA	
254 - 213 - ORGANISM: Home sapiens	
scallano. Seoueuce: 20	36
157 gtggtatteg geggagggac caagetgace gteeta	
260 +210 + SEQ ID NO: 21	
261 ×211 · LENGTH: 246	
page voidy Type: DNA	
263 < 213 · OEGANISM: Homo sapiens	
	60
	1.20
266 atomorator congometry among accordance of the standard accordance and accordance acc	130
268 taccaacage acceaggeaa ageococaaa cteatgatee daysys 200 taccaacage accegate cteatgatee aagtetggea acacggeete cetgacaate 270 teaggaggttt etaategett etetggetee aagtetget geteatatge aggtagtage	240
270 teaggagett etaategett etetggetee aagteegged in 55 270 tetgggetee aggetgagga egaggetgat tattaetget geteatatge aggtagtage	246
974 actitic	
277 - 210 - SEQ ID NO: 22	
278 K011 - LENGTH: 041	
ONG POINT TYPE: DNA	
280 K213 - OFGANISM: Homo sapiens	
282 - 400 - SEQUENCE: 22	60
	120
283 atcadeatet detgeactgg aadcageggt gatgunggg german 285 tabeaactae acedaggeaa agtooccaaa etcatgattt atgaagacat taageggeec 285 tabeaactae acedaggeaa agtooccaaa etcatgga acaeggeete eetgacaate	180
285 tabeaactae acedaggeaa agteeddaaa eteatgaeet dogaeg 287 teaggggttt etaategett ttotgeetee aagtetggea acaeggeete cetgacaate 287 teaggggttt etaategett ttotgeetee aagtetget geteatatge aagtegtgae	2:40
<pre>267 toaggggttt ctaategett ttotgeetee aagteegged dealyy 269 totgggetee aggetgagga egaggetgat tattactget geteatatge aagtegtgae</pre>	241
201 a	
294 <310 - SEQ ID NO: 23	
295 x211 x LENGTH: 38	
296 + 212 + TYPE: DUA	
297 v.:13 · ORGANISM: Hemo sapiens	
099 - 400 - SEQUENCE: 23	38
300 qqtqqqtqtt oqueygaqqq accaacetga ceqteeta	
303 - 210 - SEQ ID NO: 24	
304 - 211 - LENGTH: 31	
305 - 212 - TYPE: DUA	
> 306 <213> ORGANISM: Artificial	
ANA TOTA FEATURE:	
309 - 325 - OTHEF INFORMATION: Primer	
311 - 400> SEQUENCE: 24	31
311 aattotaaaa stacaaactg cooccoccat g	

21

18

22



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	316	<pre><2115 <213</pre>	SEQ IE NO: 25 LENGTH: 21 TYPE: DNA
C>	318	<213>	ORGANISM: Artificial
	340	. 10() .	FEATURE:
	321	- 223 -	OTHER INFORMATION: Primer
	323	<4002	SEQUENCE: 25
	314	aattof	taaaa ctacaaactg c
	3.27	4.210 -	SEQ ID NO: 26
	3.28	· 211 ·	LENGTH: 18

328 - 211 - LENGTH. 16 329 - 212 - TYPE: DMA C--> 330 <213> ORGANISM: Artificial

332 - 220 - FEATURE:

333 - 223 - OTHER INFOFMATION: Primer

335 + 400 + SEQUENCE: 26 336 otcoogggta gaagtcac 339 <210 SEQ ID NO: 27 340 <211 > LENGTH: 22 341 -012 - TYPE: DNA

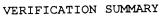
C--> 342 <213> ORGANISM: Artificial

344 < 220 > FEATURE:

345 <223 > OTHER INFORMATION: Primer

347 -400 > SEQUENCE: 27

348 aattegtgtg geettgttgg et



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Input Set : A:\BRUGGEMANN.ST25.txt

Output Set: C:\CRF3\05312001\I734613.raw

* 206 M. 220 C.	Keyword misspelled	or	invalid	format,	<:::13>	OPGANISM	for	SEQ	ID#:24
1:306 M:220 C:	Keyword misspelled	an	invalid	format.	₹2130	OFGANISM	for	SEQ	IE#:25
L:318 M:220 C:	Reyword misspelled	1011	invalid	format	135	OFGANTSM	for	SEO	II:#:.:6
L:330 M:220 C:	Keyword misspelled	or	invalid	TOIMac,	110	OFICANTEM	for	SEÓ	T D# • • 7
L:342 M:220 C:	Keyword misspelled	$\circ r$	invalid	format,		OL:3MNI SH	IOI	يو∙داب	1011.07